

PLENKIN, F. I.

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Goskul'tprosvetizdat, 1953. 88 p.

SO: Monthly List of Russian Accessions, Vol. 6 No. 8 November 1953

*PLENKIN, F.*

DOBRUSKIN, L.; PLENKIN, F.; PEREVERZEV, V., redaktor; LAVRENT'YEVA, V.,  
tekhnicheskii redaktor.

[Display of great Communist construction works in museums of  
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SKULSKI, Lech; ~~PLENKIEWICZ, Jan~~

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1. Department of Organic Technology II, Institute of Technology,  
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ECKSTEIN, Z.; PLENKIEWICZ, J.

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1. Institute of Organic Synthesis, Polish Academy of Sciences.  
Presented by T. Urbanski.

BYRDY, S.; ECKSTEIN, Z.; PLENKIEWICZ, J.

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(Nitovinyl group)

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ROKSTAIN, Zygmunt; PIKUSIŃSKI, Andrzej

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Pt. 5. *Rośliny chemiczne* 37 no. 7/8:801-912 1964.

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PLENKIEWICZ, J.

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1. Warszawskie Biuro Projektow Budownictwa Przemyslowego,  
Warszawa.

PEVZNER, Ye.S., dotsent; PLENINA, G.N., kand.biologicheskikh nauk

Porphyrinuria in some skin diseases. Sbor.nauch.rab.Bel.nauch.-issl.  
kozhno-ven.inst. 6:197-200 '59. (MIRA 13:11)  
(PORPHYRINURIA)  
(SKIN--DISEASES)

PLENINA, G. N.

PLENINA, G. N. -- "Biochemical and Colloid-Chemical Shifts in the Blood and Urine under Brief Maximal Physical Loads." Rostov na Donu State U imeni V. K. Holotov, Rostov na Donu, 1954. (Dissertation for the Degree of Candidate in Biological Sciences)

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with vitamin D<sub>2</sub>. Sbor.nauch.rab.Bel.nauch.-issl.kozhno-ven.inst.  
4:78-81 '54 (MIRA 11:7)

(BLOOD--ANALYSIS AND CHEMISTRY)

(VITAMIN--D)

(SKIN--TUBERCULOSIS)

MARTYNSON, E.E., prof., otv. red.; MEREZNIENSKIY, M.F., prof., red.;  
MIKALAUSKAYTE, D.A. [Mikalauskaite, D.A.], prof., red.; SHMIDT, A.A.  
[Smits, A.], akad., red.; KREMER, Yu.N. [Kremers, J.], red.; PLEMINA,  
G.N., red.; TYAKHEPYL'D, L.Ya. [Tahepolu, L.], red.

[Transactions of the First Biochemical Conference of Baltic  
Republics and White Russia] Trudy Fervoy biokhimicheskoy kon-  
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Tartuskii gos. univ. ESSR, 1961. 507 p. (MIRA 15:9)

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2. Zaveduyushchiy kafedroy biokhimi Tartuskogo gosudarstvennogo universiteta (for Martynson).
3. Vil'nyusskiy nauchno-issledovatel'skiy institut epidemiologii i gigiyeny (for Mikalauskaite).
4. Akademiya nauk Latviyskoy SSR, Chlen Prezidiuma Vsesoyuznogo biokhimicheskogo obshchestva (for Shmidt).
5. Kafedra biokhimi Rzhskogo meditsinskogo instituta (for Kremer).
6. Kafedra biokhimi Tartuskogo gosudarstvennogo universiteta (for Tyakhepyl'd).

(BIOCHEMISTRY---CONGRESSES)

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(BLOOD PROTEINS) (SKIN--DISEASES)



VOKHMYANIN, V.M., inzh.; PLENIN, Ye.S., inzh.

Replacement of reserve busbar protection systems with a device for  
the reservation of the failure of electric cutouts. Elek. sta. 32  
no.12:70-71 D '61. (MIRA 15:1)  
(Bus conductors (Electricity)) (Electric protection)

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Reports on the activity of the Slovenian Geologic Society during  
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3. Refernt za pred-  
avanja Slovenskega geoloskega drustva (for Pavlovec).
4. Blagajnik Slovenskega geoloskega drustva (for Drobne).
5. Komisija za standard geoloske karte Slovenskega geoloskega drustva (for Plenicar).
6. Komisija za geolosko nomenklaturu Slovenskega geoloskega drustva (for Kuscer).
7. Sekcija za srednjesolski pouk geologije Slovenskega geoloskega drustva (for Us).

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Report on the deep-sea development of the Cretaceous beds near  
Kostanjevica. p. 152.

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PLENICAR, M; NCSAN, A.

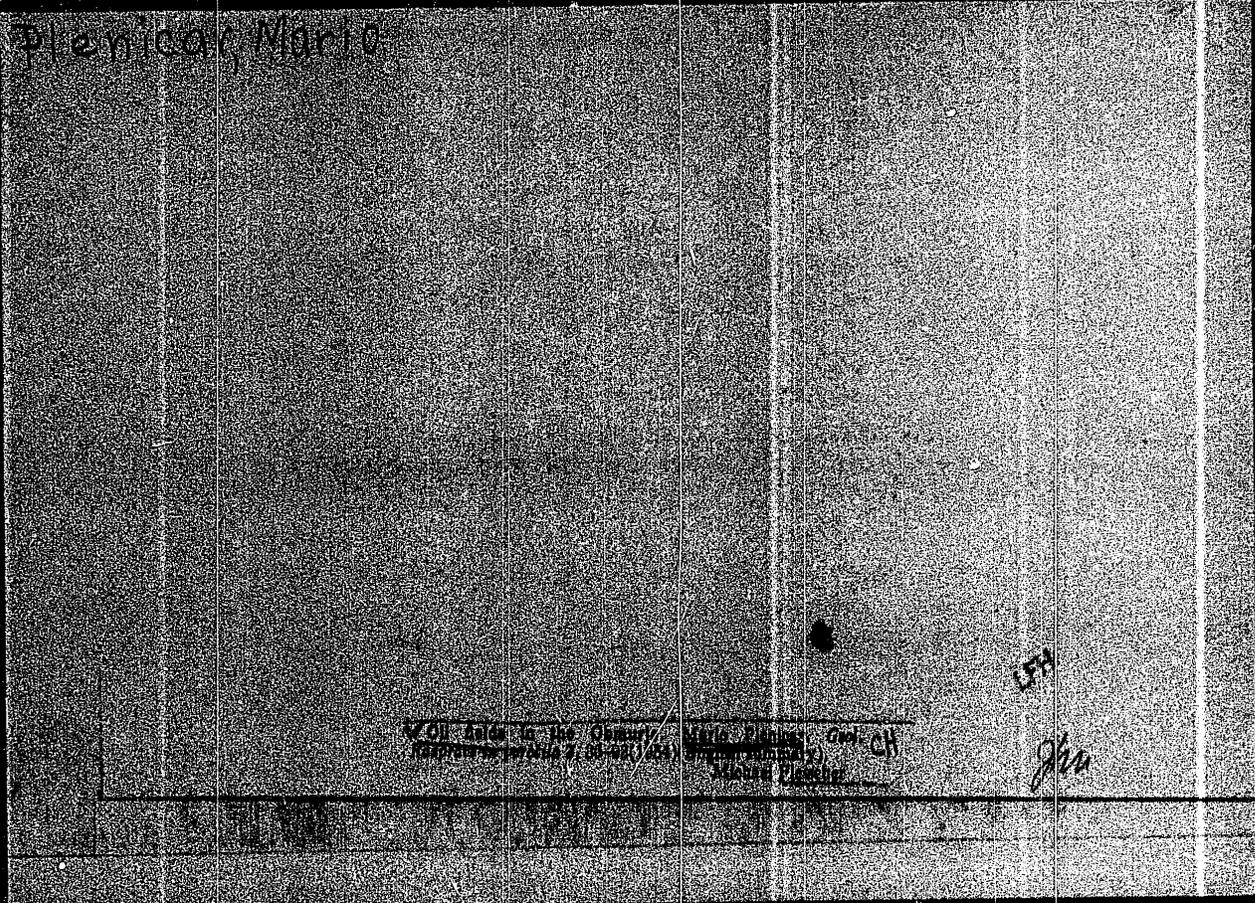
Paleogeography of the Pannonian borderland in Slovenia. p. 94

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No. 4, 1958.

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001341200013-6



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"Handbook of telecommunication technology" by H. Gostock. Reviewed by  
O. Plenert. Sdel tech 10 no.2:80 P '62.

PLENERT, C., inz.

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"Telegraphy, telephony, phototelegraphy and television today and tomorrow" by Z. Mendygral. Reviewed by O. Plenert. Slaboproudny obzor 23 no.9 :Suppl.: Literatura L71 '62.

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"Protection of radio and wire telephone lines against disturbance and noises" by M.A.Sapozkov [Sapozhkov, M.A.]. Reviewed by O. Plenert. Slaboproudy obzor 24 no.10:Suppl.:Literatura 24 no.10: L75, L77 '63.

PLENERT, O., inz.

"Printed contacts and circuits" by V. Benedikt, J. Sedmidubsky  
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no.10:Suppl.: Literatura 23 no.10:L73, L75 '62.

PLENERT, O., inz.

"Digital measurement" by E. Mirtes. Reviewed by O. Plenert.  
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PLENERT, O., inz.

Some examples of the saving and reducing the work involved  
in the German Democratic Republic. Sdel tech 11 no.2:55  
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"Microbial corrosions" by R.Blahnik, V.Zanova. Reviewed by  
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PLENERT, O., inz.

Technology of printed circuit production; sintering.  
Sdel tech 12 no. 3:112 Mr '64.

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Nemecek, J. Paulu. Reviewed by O. Plenert. Ibid.:119.

"Measurement by resonance methods" by St. Haderka.  
Reviewed by O. Plenert. Ibid.:119.

PLENERT, O., inz.

"General technology in the electronic industry" by V. Stanescu. Reviewed by O. Plenert. Slaboproudny obzor 25 no. 2: Supplement: Literatura 25 no. 2: L11, L13 '64.

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PLENERT, O., Inv.

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Plenert. Sdel tech 11 no.2:80 F 163.

PLENERT, O., inz.

"Principles of designing the elements of radioapparatus" by A.L. Charinskij [Kharinskiy, A.L.]. Reviewed by O. Plenert. Slaboproudy obzor 24 no.3: Suppl: Literatura 24 no.3:L17 '63.

PLENERT, O., inz.

"Code modulation" by A. Dittl. Reviewed by O. Plenert.  
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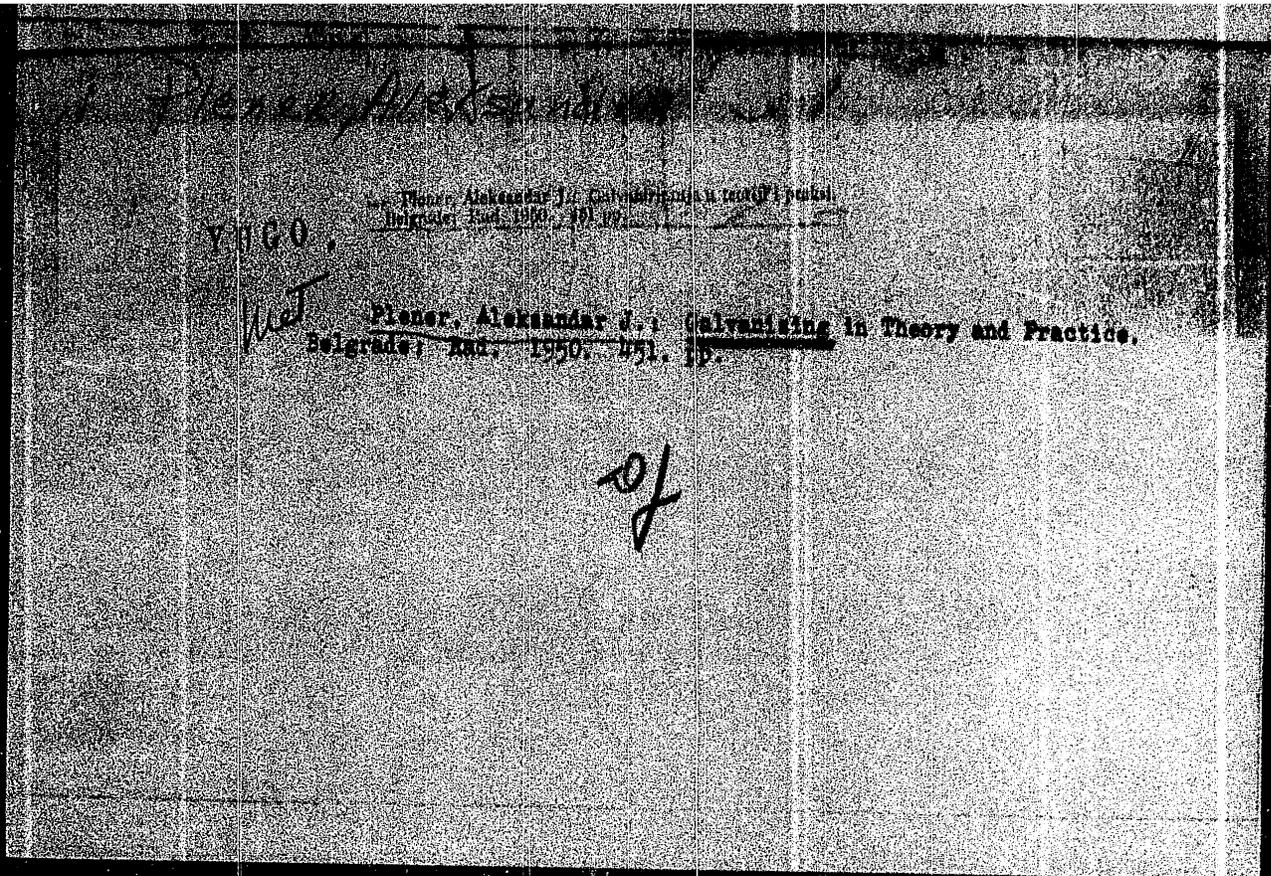
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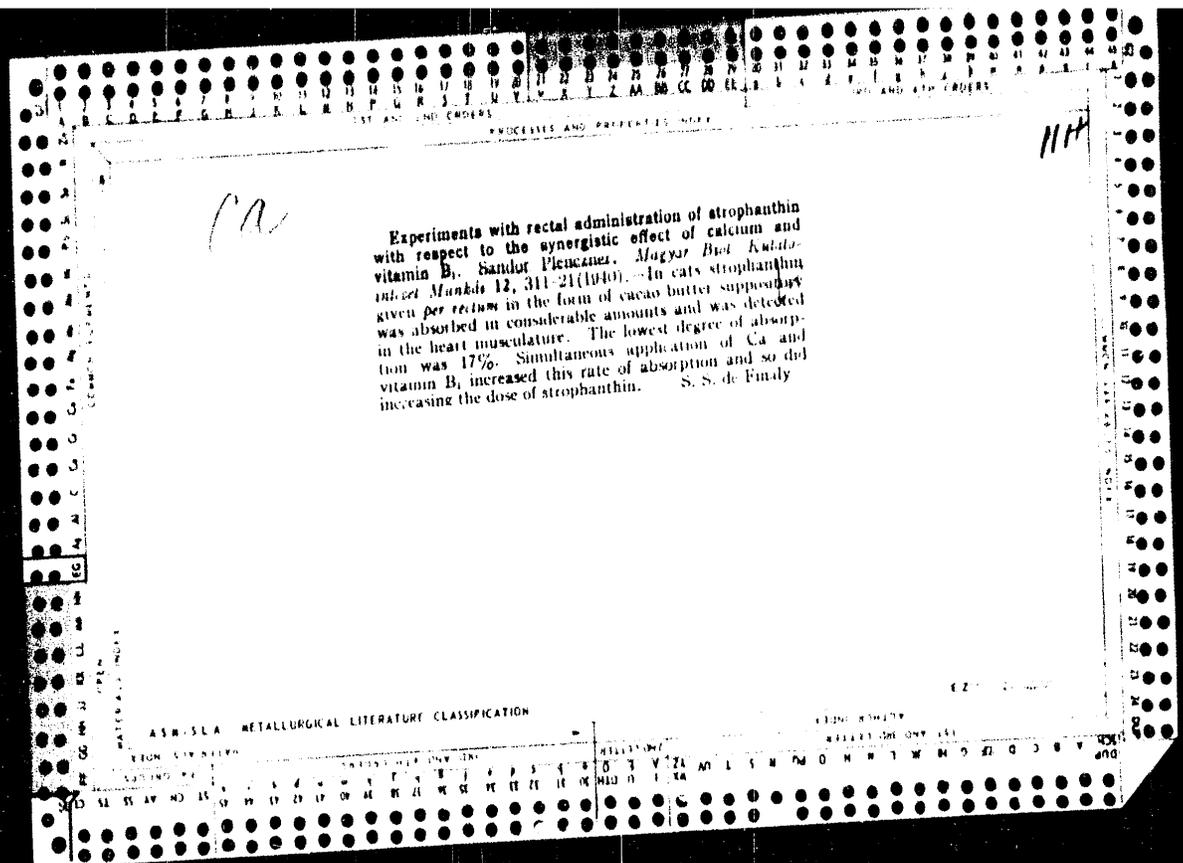
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by O. Plenert. Slaboproudy obzor 25 no.1:Suppl.:literatura  
25 no.1:L1, 13 '64.

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L. Duskova, J.Caha. Reviewed by O.Plenert.

Plenert, O., inv.

"Collection of papers and documents of Plenert, O."  
ation." Reviewed by [redacted] on 6/23/64.





PLENCZNER, Sandor, dr.

Work and objectives of the central heart care center for school children in the city of Budapest. Nepegeszsegugy 36 no.9:289-295 Sept 55.

1. Kozlemeny a Fovarosi Iskolaegeszsegugyi Szolgalat (vezeto: Karossa-Pfeiffer, Jozsef dr., igazgato-foorvos) Koszonti Iskolai Szivbeteggondozo Intezetebol (igazgato-foorvos: Plenczner, Sandor dr.).

(HEART DISEASE, in infant and child  
heart care center for school child. in Budapest.)

(CHILD WELFARE  
heart care center for school child. in Budapest.)

PLENCZNER, Sandor, dr.; BODROGI, Gyorgy, dr.; TEMESVARI, Antal, dr.

Surgery of mitral stenosis in young people. Orv. hetil.  
98 no.26:711-712 30 June 57.

1. A Budapesti Orvostudományi Egyetem Sebész-továbbképző  
Klinikájának (mb. vezető: Temesvári, Antal, dr.) és a  
Budapest Főváros Tanácsa Központi Iskolai Szívbeteggondozó  
Intézetének (igazgató-őorvos: Plenczner, Sandor, dr.)  
közleménye.

(MITRAL STENOSIS, surg.  
in young people (Hun))

PLENCZNER, Sandor, dr.

Care of young cardiac patients. *Nepageszsegugy* 37 no.8:  
204-207 Aug 56.

1. Kozlemeny a Budapesti varosi tanacs Kozponti Iskolai  
Szivbeteggondozo Intezetbol (igazgato-foorvos: Plenczner, Sandor,  
dr.).

(HEART DISEASE, in inf. & child  
detection & care (Hun))

PLENCZNER, Sandor, Dr.; SZIRMAY, Gyorgy, Dr.

Blood pressure studies in puberty. Orv. hetil. 99 no.11:383-385  
16 Mar 58.

1. A Budapesti Városi Tanács Központi Iskolai Szívbeteggondozó Intézet  
(igazgató-őorvos: Plenczner Sandor dr.) és a Központi Iskolaszakorvosi  
Rendelő (vezető-őorvos: Vezhne, Antal Etelka dr.) közleménye.

(BLOOD PRESSURE

in puberty in menstruating & non-menstruating girls (Hun))

(PUBERTY

blood pressure in puberty in menstruating & non-menstruating  
girls (Hun))

(MENSTRUATION, physiol.  
same)

PLENCZNER, Sandor, dr.; BODROGI, Gyorgy, dr.; VARGEDO, Aladar, dr.

Lumbacher syndrome. Orv. hetil. 46 no.30:825-828 24 July 55

1. A Budapesti Fovarosi Tanacs Kosponti Iskolai Szivbeteggondozo  
Intezete (igazgato-foorvos: Plenczner Sandor dr.) kozlemenye.  
(CARDIOVASCULAR DEFECTS, CONGENITAL  
Lutembacher synd.)

EXCERPTA MEDICA Sec.17 Vol.4/2 Public Health, etc. Feb 58

PLENCZNER, S.

475. CARE OF CARDIACS IN YOUTH. Szívbeteggondozás a fiatal korban.  
Plenczner S, Budapest Városa Terasa Központi Iskolai Szívbeteggondozó Intézetébe, Budapest. NÉPEGÉSZSÉGÜGY 1956, 37/8 (204-207)
- Three categories require special care: the congenital malformations, rheumatic heart diseases and hypertension. The latter 2 groups are partly committed to the school doctor. Rheumatic heart disease is most frequent among children of 3-14 yr, juvenile hypertension is more often seen in children over 14 yr. of age. The various aspects of medical care in such cases are reviewed.

*S. SANDOR PLENCZNER*

BODROGI GYORGY, Dr.; PLENCZNER SANDOR, Dr.; HAJDU JANOS ; SZEPESSY SANDOR

Accelerated ballistocardiography. Magy. belorv. arch. 10 no.2-3:  
33-35 Apr-June 57.

1. Budapesti Varosi Tanacs Kozponti Iskulai Szivbeteggondozo Intezete  
(igazgato foorvos: Plenczner Sandor Dr.) kozlemenye.

(BALLISTOCARDIOGRAPHY  
acceleration method (Hun))

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PLENCHUN, G V

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PHASE I BOOK EXPLOITATION

SOV/1528

Speranskiy, Viktor Grigor'yevich, and Gennadiy Vasil'yevich Plenchun

Vakuumnaya obrabotka stali (Vacuum Treatment of Steel) [Moscow]  
Izd-vo VTsSPS Profizdat, 1958. 68 p. 3,000 copies printed.

Ed.: V.M. Pankova; Tech. Ed.: N.D. Shadrina.

**PURPOSE:** The purpose of this booklet is to acquaint the general reader with the advanced processes of steel making in a vacuum.

**COVERAGE:** This booklet describes the vacuum treatment of steel. The principles involved and the beneficial effects of the vacuum on molten steel are explained. The most commonly used methods of treating steel in a vacuum are described and illustrated. The text contains schematic diagrams of the commonly used layouts and of the vacuum equipment. No personalities are mentioned. There are 8 Soviet references.

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ILLEGIBLE

OLEYNIKOV, V.S., gornyy inzhener; PLEMYASHOV, A.S., gornyy inzhener; VERESA,  
F.I., gornyy inzhener; MIKHAYLOV, Yu.I., gornyy inzhener.

Conveyor delivery of iron ore in mines. Mekh.trud.rab. 9 no.10:15-16  
O '55. (Mining machinery) (MIRA 9:1)

BODROGI, Gyorgy, dr.; KUNOS, Istvan, dr.; PLENCZNER, Sandor, dr.

Value of acoustic symptoms as indications for surgery of mitral stenosis. Orv. hetil. 95 no.51:1404-1406 19 Dec 54.

1. A Budapesti Orvostudományi Egyetem Sebész Továbbképző Klinikájának (igazgató: Littmann Imre dr. egyet. tanár) és a Budapesti Fővárosi Tanácsa Központi Iskolai Szívbeteggondozó Intézetének (igazgató: Plenczner Sandor, dr.) közleménye.

(MITRAL STENOSIS, surg.  
indic.)

PLENCZNER, Sandor, dr.

Influence of circulatory diseases on physical training of school children in 1951-1952. *Nepegeszegu* 35 no.12:322-326 Dec 54.

1. Kozlemany a Budapest Fovaros Tanacsa Kozponti Iskolai Szivbeteggondozo Intezetbol (vezeto foorvos: Plenczner Sandor dr.)  
(PHYSICAL EDUCATION AND TRAINING  
school child. in Hungary, dispensation due to circ. dis.)  
(CARDIOVASCULAR DISEASES  
relation to dispensation of school child. from phys.  
train. in Hungary)

PLENCZNER, Sandor, Dr.

Data on relapses in rheumatic fever. Orv. hetil. 100 no.7:255-256 15  
Feb 59.

1. A Budapesti Varosi Tanacs Kozponti Ifjusagi Szivbeteggondozo (igaz-  
gato-foorvos Plenczner Sandor dr.) kozlomenye.  
(RHEUMATIC FEVER, statist.  
relapses (Hun))

**PLEMYANNIKOVA, N.N.**

Role of irradiating the tonsils with ultraviolet rays in the compound treatment of acute rheumatic polyarthritis. Vop.kur.fizioter. i lech. fiz. kul't. 21 no.3:54-59 J1-S '56. (MLRA 9:10)

1. Iz Nauchno-issledovatel'skogo instituta fizioterapii Ministerstva zdravookhraneniya SSSR (dir. - prof. A.N.Obrozov)  
(ULTRAVIOLET RAYS--THERAPEUTIC USE)  
(JOINTS--DISEASES)  
(TONSILS--DISEASES)

PLEMYANNIKOVA, N.N., kand.med.nauk

Is a suntan useful? Zdorov'e 4 no.6:30-31 Je '58 (MIRA 11:6)  
(SUN BATHS)

PLEMYANNIKOVA, N.N., kand.med.nauk

Is heating with blue light artificial? Zdorov'e 7 no.1:31 Ja '61.  
(MIRA 13:12)

(LIGHT, COLORED)

FERTIK, I.M.; LIBERTAL', R.Sh.; PLEMYANNIKOVA, M.Ye.

Tuberculin-trypan test; increase of sensitivity in the method of  
detection of allergy. Probl. tuberk., Moskva no.1:46-51 Jan-Feb 52.  
(CIML 21:5)

1. Docent for Fertik. 2. Of the Children's Division (Head---Docent  
I.M. Fertik) and of the Department of Microbiology (Consultant---  
Prof. V.M. Berman), Leningrad Scientific-Research Tuberculosis  
Institute (Director---A.D. Semenov).

PLEMYANNIKOVA, N.N., kandidat meditsinskikh nauk.

Sunshine. Zdorov'e 1 no.6:18-19 Je. '55.

(MLRA 9:5)

(ULTRAVIOLET RAYS--PHYSIOLOGICAL EFFECT)

KAPLUN, N.A.; PLEMYANNIKOVA, N.N.; SKURIKHINA, L.A.; SYROYECHKOVSKAYA,  
M.N.; FEDOROVICH, N.V.; OBROSOVA, A.N., prof., red.; MANIEV,  
M.Ye., red.; ZAKHAROVA, A.I., tekhn.red.

[Practical manual on applying physiotherapeutic procedures]  
Prakticheskoe rukovodstvo po provedeniiu fizioterapevticheskikh  
protsedur. Pod obshchei red. A.N.Obrosova. Moskva, Gos.izd-vo  
med.lit-ry Medgiz, 1960. 182 p. (MIRA 14:3)

1. Chlen-korrespondent Akademii meditsinskikh nauk SSSR (for  
Obrosova).

(PHYSICAL THERAPY)

RATAYEV, M.V., major meditsinskoy sluzhby; PLEMYANNIKOVA, N.N., kund.  
med. nauk.

"Medical and prophylactic use of ultraviolet rays" by L.A.  
Komarova. Reviewed by M.V. Rataev, N.N. Plemyannikova. Vop.  
kur., fizioter. i lech. fiz. kul't. 24 no. 4:368-370 J1-Ag  
'59. (MIRA 13:8)  
(ULTRAVIOLET RAYS--THERAPEUTIC USE) (KOMAROVA, L.A.)

69658

S/180/60/000/02/014/028  
E111/E152

Study of the Austenite Stabilization Effect in Phase Work Hardening work hardening has different effects on the two alloys (Ref 7). The observed changes in kinetics (similar to those produced by stabilizing plastic deformation) can be explained by the relatively high temperature required for the reverse martensite transformation, which makes it impossible to retain those changes in austenite fine structure which favour formation of martensite nuclei. Phase work hardening was found to produce extension of structural faults in adjacent austenite zone, decrease in martensite grain size and, to some extent, relative stability of some austenite zones. In general, the changes produced are very stable (disappearing at 1100-1150 °C); their removal on raising the temperature takes place in a stepwise manner. There are 11 figures, 1 table and 15 references, of which 14 are Soviet and 1 is English.

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SUBMITTED: July 30, 1959

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## Study of the Austenite Stabilization Effect on Phase Work Hardening

transformation. Fig 3 gives the influence of degree of phase work hardening on the martensite transformation on subsequent cooling, while Figs 4 and 5 give for the nickel and the chromium alloys, respectively, isothermal martensite transformation curves for the initial and phase work-hardened states. Figs 6 and 7 give, for the same alloys respectively, the influence of phase work hardening on the starting rate of the isothermal martensite transformation (curves a) and on the overall effect of the transformation. In Fig 8 the influence of annealing temperature on the state of N2333 subjected to different degrees of phase work hardening is shown, while Fig 9 shows effects for K1778 alloy subjected to a 40% phase work hardening. Figs 10 and 11 show for the two alloys, respectively, microstructures at different stages of stabilization treatment and the nature of the martensite formed in subsequent cooling. The work showed that for both alloys phase work hardening depresses the "true" martensite point and the temperature range of the transformation, reducing its initial rate; external

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## Study of the Austenite Stabilization Effect in Phase Work Hardening

structure of austenite; the rules governing the removal of the effects of this phenomenon during subsequent annealing at gradually increasing temperatures; the changes in martensite transformation kinetics produced by phase work hardening in contrast to those produced by a different sort of effect, e.g. plastic deformation or high-energy particle irradiation. Two types of alloy were used; Fe-Ni-Mn (N23G3) and Fe-Cr-Ni (Kh17N8); their respective compositions being 0.06, 0.05% C; 23.45, 8.40% Ni; 3.30, -% Mn; -, 19.24% Cr. These had been studied widely in connection with austenite stability and fine crystal structure (Refs 5-7, 12). The investigation involved thermomagnetic, X-ray, microstructure and microhardness methods. The experimental conditions chosen in the present work are represented in Fig 1. Phase work hardening was produced by cooling to a low temperature followed by heating in a tin bath to the lowest temperature at which the reverse martensite transition is completed; the heating conditions ensured that a martensite mechanism governed the alpha to gamma

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AUTHORS: Zakher, I.M., Maksimova, O.P., Nikonorova, A.I.,  
Plemyanikova, I.M., and Yampol'skiy, A.M. (Moscow)TITLE: Study of the Austenite Stabilization Effect in Phase  
Work Hardening.PERIODICAL: Izvestiya Akademii nauk SSSR, Otdeleniye tekhnicheskikh  
nauk, Metallurgiya i toplivo, 1960, Nr 2, pp 93-103 (USSR)ABSTRACT: The authors suggest that the important problem of gamma-  
phase stabilization should be considered to include the  
action of any factor which raises stability without  
changing the chemical composition of the austenite  
(Refs 1-8). One of these is internal work hardening due  
to the martensite transformation itself (Ref 9), which has  
been described by Golovchiner and Yu.D. Tyapkin, and by  
Golovchiner and Landa (Ref 10). In superinvar alloy  
Maksimova and Golovchiner found a "super-stabilization"  
effect for austenite with respect to the martensite  
transformation in subsequent cooling. In the present work  
the aim was to find: the influence of various degrees of  
phase work hardening on austenite stability, kinetics of  
isothermal transformation and the micro- and submicro-Card  
1/4

L-54496-65

ACCESSION NR: AP5013123

scale. Alloys containing larger amounts of Si (approximately 1.2% as compared with .3%) oxidized at a markedly lower rate, the alloys with .1 La showing even better oxidation resistance. Oxides with higher free energy of formation formed with increasing depth. The presence of  $\text{SiO}_2$  and  $\text{Cr}_2\text{O}_3$  in inner layers is attributed to both secondary and internal oxidation. The total oxide layer is divided into two basic parts: an upper layer which is formed by diffusion of metal ions to the surface and a lower layer which is attributed to oxygen diffusing into the oxide-metal interface. Lanthanum addition slows diffusion of Ni and Cr ions, raises the activity of Si, and hinders the inward diffusion of oxygen. Orig. art. has: 4 figures, 4 tables. *29*

ASSOCIATION: none

SUBMITTED: 14Feb64

NO REF SOV: 001

ENCL: 00

OTHER: 004

SUB CODE: MM

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B

AUTHOR: Zhukov, L. L.; Ignatov, D. V.; Pliemyannikova, I. M.; Semenova, N. V.

TITLE: A structural and kinetic investigation of oxidation processes in nickel-chromium base alloys 27

SOURCE: AN SSSR, Izvestiya. Metally, no. 2, 1965, 180-186

TOPIC TAGS: nichrome alloy, x ray analysis, electron diffraction, oxidation resistance

ABSTRACT: The authors studied the effect of additions of Si and La on the oxidation rate, oxide (distribution, composition, structure, and thickness of oxide layer in Kh20N80 alloy. Experiments were carried out at temperatures of 1000, 1100, 1150, and 1200°C with holding times up to 100 hours. An EM-4 electron diffraction camera was used to determine the structure of the various oxide layers and a peeling off technique was used to remove successive layers. X-ray evaluation was used in addition to electron diffraction for determining the composition of the falling scale and evaluating the quantitative composition of the phases throughout the

Card 1/2

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